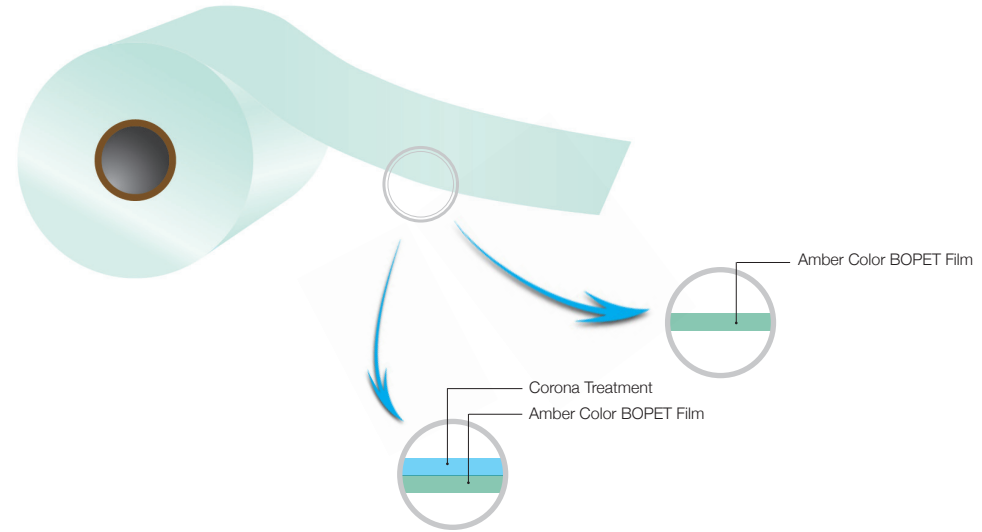


PETLAR-YG grade is a Biaxially Oriented Amber Colour Polyester Film. This film is preferred over lacquer coated polyester film as it provides higher bond strength due to better thermal stability. This film is produced using coloured PET resin, thereby eliminating any possibility of contamination in case of food packaging.

PETLAR-YG grade conforms latest EC directives, REACH specifications and US FDA regulations for food contact applications. This grade is available in thickness range of 12 to 36 Microns (48-144 Gauge).



APPLICATIONS

- Flexible Packaging
Printing, Coating, Lamination
- Metallization
- Decorative Packaging

Standard Roll Presentation - 6 Inch / 152 mm Core Diameter						
Thickness (Micron)	12	15	19	23		
Length (Meters)	6000			440	475	Approx Outer Roll Diameter (mm)
	9000		480	525	560	
	12000		540	600	650	
	18000	580	650	715		
	24000	660	740			
	36000	795				
	42000	850				
Width Range	400-2500 mm / 15-99 Inch					
<i>Customised specs also available on request</i>						

Standard Roll Presentation - 3 Inch / 76 mm Core Diameter						
Thickness (Micron)	12	15	19	23		
Length (Meters)	6000			415	450	Approx Outer Roll Diameter (mm)
	9000	400	450	500	545	
	12000	455	515	580		
	18000	560				
	Width Range	400-1500 mm / 15-59 Inch				
<i>Customised specs also available on request</i>						

SRF Limited, Packaging Films Business

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Indore: Plot No C 1-8, C 21-30, Indore Special Economic Zone, Pithampur - 454775, Distt. Dhar, Madhya Pradesh, India.

Kashipur: Plot No -12, Rampura, Ramnagar Road, Kashipur-244713, Distt. Udham Singh Nagar, Uttaranchal, India.

Rayong: D-20, Hemraj Eastern Seaboard Industrial Estate, 112, M003, Tambon Tasith, Amphur Pluakdaeng, Rayong Province 21140, Thailand.



Properties	Unit	Test Method	Product Code			
			YG0120	YG0150	YG0190	YG0230
GENERAL						
Nominal Thickness	Micron	SRF Method	12	15	19	23
	Gauge		48	60	76	92
Yield	m ² /kg		60	48	38	31
	in ² /lb		42000	33600	26600	22000
MECHANICAL						
Tensile Strength (min)	MD	ASTM D 882	1900	1900	1900	1900
			(kpsi)	27	27	27
	TD		1900	1900	1900	1900
			(kpsi)	27	27	27
Elongation at Break (min)	MD	ASTM D 882	100	100	100	110
	TD		90	90	90	100
SURFACE						
Coefficient of Friction	Static	ASTM D 1894	0.60	0.55	0.50	0.50
	Dynamic		0.55	0.50	0.45	0.45
Surface Energy	Plain Side	ASTM D 2578	44	44	44	44
	Corona Side		52+	52+	52+	52+
THERMAL						
Shrinkage (150°C, 30 min)	MD	ASTM D 1204	2.2	2.2	2.2	2.0
	TD		0.4	0.4	0.4	0.4
OPTICAL						
Haze	%	ASTM D 1003	3.0	4.0	4.0	4.0
Transmittance			90	90	90	90
BARRIER						
WVTR (38°C & 90% RH)	gm/m ² /day	ASTM F 1249	<40	<35	<30	<25
	gm/100in ² /day		<2.5	<2.2	<1.9	<1.6
OTR (23°C & 0% RH)	cc/m ² /day	ASTM D 3985	<130	<110	<90	<70
	cc/100in ² /day		<8.1	<6.9	<5.6	<4.4

MD – Machine Direction | TD – Transverse Direction

Notes: 1) Above properties can be modified to suit customer's requirement; 2) Unless otherwise specified, the values given above are nominal.

DISCLAIMER

The information given above is known to the best of our knowledge and experience. Some of the properties can be changed as a result of supplier's effort to improve upon the quality of production efficiency of the subject. The information is believed to be the true and accurate and is not intended to violate any statutory condition or right of third party. SRF makes no warranty, express or implied, as to the fitness of the product for any specific use or purpose. The above data is purely for the readers' consideration, investigation and verification and should be read in conjunction with the conditions for sale or contract.